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# PATENT



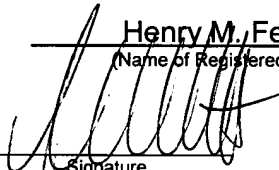
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: MÄURER-4

In re Application of:	)
ALEXANDER MÄURER et al.	)
Appl. No.: 10/563,525	)
Int. Filing Date: June 24, 2004	)
For: ELECTRIC MOTOR FOR A DRIVE OF A VEHICLE, IN PARTICULAR RAILROAD DRIVES, AND A DRIVE HAVING SUCH AN ELECTRIC MOTOR	)

### INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on <u>March 9, 2006</u> .	
(Date)	
<u>Henry M. Feiereisen</u>	
(Name of Registered Representative)	
	<u>3-9-2006</u>
Signature	Date of Signature

S I R:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of attention of the Examiner to the references listed on enclosed form PTO-1449 which were cited in the International Search Report issued by the European Patent Office with regard to the corresponding International patent application No. PCT/EP2004/006855 and which were cited with regard to the corresponding German patent application No. 103 29 678.6, respectively. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

- ☒ [X] This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.
- ☐ [ ] This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ [ ] This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ [ ] This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ [ ] This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.
- ☐ [ ] This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.
- ☐ [ ] The undersigned submits the following statement requesting consideration of this statement:  
The undersigned hereby states:
  - ☐ [ ] That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;
  - ☐ [ ] That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign

application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

- ☐ The fee of \$180.00 set forth in 1.17(p).
- ☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report together with a translation of the relevant pages thereof. In addition, applicant notes with respect to any information that is not in English language as follows:

Swiss Patent No. CH 317647 describes an arrangement for cooling electric machines, in particular three-phase A.C. motor having a laminated core with a back portion whose surface has enlarging protrusions which are exposed to a stream of cooling air.

German Gebrauchsmuster No. DE 297 16 977 U1 describes a ventilated electric machine having a fan configured as a suction fan (13) and mounted to the rotor shaft (4) for conducting a stream of cooling air from an air inlet (10) in an area of a bearing plate (9) to an air outlet (12). The outlet side of the suction fan is followed by a formed piece for deflecting the air stream exiting the suction fan and calming the air stream toward the outlet like a diffusor.

German Patent No. DE 197 49 108 C1 describes an electric motor having cooling and including a housingless stator whose laminated core (1) has a rotationally symmetrical shape, with cooling slots (2) located on the stator core side facing out from the slots. The coil end windings (6) axially extend out of the laminated stator core (1). The cooling tubes (3) are flowed through with a cooling medium, and

are arranged in the cooling slots (2) and are joined to the laminated stator core (1) and the end windings (6) by a heat-conducting plastics compound (10).

German Offenlegungsschrift No. DE 197 22 348 A1 describes an electrical machine having half open stator lamination packet winding slots, provided with a surface insulation which is resistant to high temperatures and which contains mica. An insulated or bare, circular cross-section, winding conductor is inserted in each winding slot and wrapped with at least one temperature-resistant mica band. The magnetic and passive components of the machine are similar to those of a standard LV asynchronous machine, with the rotor bearings lubricated by a temperature-resistant lubricant which is effective at temperatures up to 400 degrees C.

European Patent No. EP 1 297 606 B1 describes electrical conductors, such as bare or round wires, which are insulated by taping with a micaceous insulating tape, having a film support of a polymer which can be heat-shrunk above 150 DEG C. and a layer of mica fastened to the film support by means of a binder, and subsequent heat shrinkage of the polymer. The micaceous tape can also have a second film support of a polymer which can be heat shrunk above 150 °C.; this second film support is then fastened to the mica layer on the side opposing the first film support.

The above-identified application discloses and claims an invention patentable over this prior art. Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By: 

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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office**INFORMATION DISCLOSURE CITATION**

<b>Attorney's Docket No.</b> <b>MÄURER-4</b>	<b>Applicant</b> <b>ALEXANDER MÄURER et al.</b>	<b>Appl. No.</b> <b>10/563,525</b>
<b>Filing Date</b>	<b>Group</b>	<b>Examiner</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation
	DE 199 43 446 A	03-15-2001	Germany			no
	EP 1 237 254 A	09-04-2002	Europe			yes
	EP 0 684 682 A	11-29-1995	Europe			yes
	DE 197 48 529 A	03-04-1999	Germany			no
	DE 16 13 297 A	03-25-1971	Germany			no
	JP 56 083237 A	07-07-1981	Japan			abstract
	JP 58 049058 A	03-23-1983	Japan			abstract
	CH 317647	01-15-1957	Switzerland			no
	DE 297 16 977 U	03-05-1998	Germany			no
	DE 197 49 108 C	04-01-1999	Germany			no
	DE 197 22 348 A1	10-29-1998	Germany			no
	EP 1 297 606 B1	04-02-2003	Europe			claims

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


**Examiner:****Date considered:**

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.